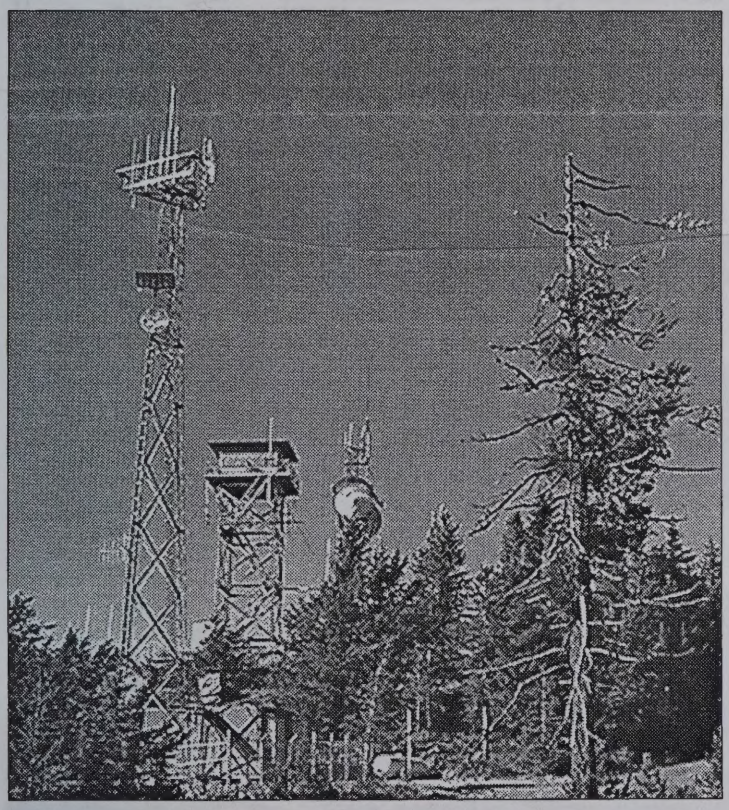
the
coordinator
WESTERN WASHINGTON AMATEUR RELAY ASSOCIATION
April 2002

from the chairman...

HELP!

Our charter with the FCC to provide coordination services for amateur repeaters also **requires** us to reach out to more than just the repeater owners. Volunteers are needed to help the association meet its goals. Some of the activities we are committed to in pursuit of these goals include production of this newsletter, publication of the regional Repeater Directory, demonstrations at hamfests, and maintaining web pages of information for the ham radio community.



Stranger Mountain DNR site, home of KB7WTO (147.36), WA7YCP (223.900), KA7ENA (443.600), WB7AUK (444.300).

As a coordinating council, we enjoy great participation from highly qualified contributors for doing the technical business of the association. However, we are in desperate need of help to facilitate some of these other responsibilities. Specifically, this newsletter serves our users by providing a publication of official correspondence and a source of interesting articles and stories pertinent to the repeater community.

I think you will all agree that Chris Roth is doing an excellent job doing the layout and publication of the newsletter. We already have volunteers to do the duplication and distribution. Where we need your help is with the creative responsibility of an Editor to collect and review submissions for publication and solicit additional articles. These might include stories about local repeater system features, issues associated with commercial sites, coordination and interference isolation topics or anything else that would be of interest to our members and users.

We also need help with the design layout and advertising content of our regional repeater directory. We would accept several volunteers to help with these responsibilities and help make our publication more usable and informative to the ham community.

These assignments do not require the technical knowledge that the band chairmen and technical committees are faced with in evaluating frequency coordination issues, but they are equally important to

Chairman, *see page 4*

inside

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Correspondence/Transaction Log

01/03/2002... Email from/to TOMAS HOOD, NW7US
01/04/2002... Email from SHANE MADSEN, N7XAC
01/04/2002... Email from TREY WERNER, KD7PHE
01/06/2002... Email from PATRICK NICHOLSON, N7WGR
01/08/2002... $36 for Dues from HOWARD SELMER, N7RTT
01/08/2002... $22 for Dues, RF from BEARONS, W7FLY
01/08/2002... $5 for from MONTE MUELLER, W7GVJ
01/08/2002... TD, $29.5 for Dues, RF, RD from LES TOMMINGER, W7UFI
01/08/2002... Email from MONTE MUELLER, W7GVJ
01/08/2002... Emails to SHANE MADSEN, N7XAC
01/08/2002... Email to PATRICK NICHOLSON, N7WGR
01/08/2002... Email to TREY WERNER, KD7PHE
01/09/2002... Emails from/to SHANE MADSEN, N7XAC
01/09/2002... Email from/to PATRICK NICHOLSON, N7WGR
01/09/2002... Emails from/to DAVE AMOS, WB7DFV
01/09/2002... Email from ERNIE BEETZ, K7BTZ
01/09/2002... $24 for Dues from JOHN SCHURMAN, AA7UJ
01/10/2002... $6 for RD from RICHARD BERNDT, N7VWJ
01/12/2002... $12 for Dues from PUGET AMATEUR RADIO SOCIETY, K7PAR
01/12/2002... TD, $15 for CF from PATRICK NICHOLSON, N7WGR
01/12/2002... 2 TD's, $39.5 for Dues, RF, RD from JAMES KAUFMAN, W7UMH
01/15/2002... $12 for Dues from BOB LEWIS, W7AN
01/15/2002... Email from JERRY REPINE, NC7U
01/15/2002... Email from BILL ROURKE, W7ERH
01/15/2002... Email to NANCY MC KIBBIN, KB7BJE
01/16/2002... TD, $15 for CF from STEVE SZOMBATHY, W7UDI
01/16/2002... $12 for Dues from ROGER HANSEN, W6TOZ
01/16/2002... $12 for Dues from MASON COUNTY ARC, N7SK
01/16/2002... TD, $15 for CF from STEVE SZOMBATHY, W7UDI
01/16/2002... $12 for Dues from CLAY FREINWALD, K7CR
01/16/2002... TD, $15 for CF from STEVE SZOMBATHY, W7UDI
01/17/2002... Email from NORMAN RAY, W7LFA
01/17/2002... Email from/to FRANK VOLZ, KA7DNK
01/19/2002... $19.5 for Dues, RD from BILL ROURKE, W7ERH
01/19/2002... $24 for Dues from ALAN CHANDLER, K6RFK
01/19/2002... $24 for Dues from ALLEN HART, N7FYU
01/19/2002... Email address from MONTE SIMPSON, W7MLS
01/21/2002... $12 for Dues from ORVILLE ADAIR, K7LVB
01/21/2002... $12 for Dues from FRANK WOLFE, NM7R
01/21/2002... $24 for Dues from GOBBLERS KNOB RPTR GRP, W7PFR
01/21/2002... $19.5 for Dues, RD from GARD FORESTER, KF6GAQ
01/21/2002... $12 for Dues from RICK HYDE, N7EHP
01/21/2002... $24 for Dues from RICHARD TAYLOR, K7CAH
01/21/2002... TD, $10 for RF from TONY ANNESE, KG4EXA
01/21/2002... $12 for Dues from THOMAS MURPHY, N7QHX
01/21/2002... Email from FRANK VOLZ, KA7DNK
01/21/2002... Email from SHELDON KOEHLER, N7XEI
01/22/2002... Email to SHELDON KOEHLER, N7XEI
01/23/2002... Emails from/to ALLEN HART, N7FYU
01/25/2002... Email to RICHARD BERNDT, N7VWJ
01/26/2002... Email from RICHARD BERNDT, N7VWJ
01/26/2002... Email from FRANK VOLZ, KA7DNK
01/26/2002... Email to ROB SIMONSON, WA7ROB
01/26/2002... Email to FRED ALLMAN, W7HSJ
01/27/2002... Email from FRED ALLMAN, W7HSJ
01/28/2002... Email to STEVE SZOMBATHY, W7UDI
01/29/2002... Emails from/to STEVE SZOMBATHY, W7UDI
01/29/2002... Email to BILL ROURKE, W7ERH
01/29/2002... Email to MONTE MUELLER, W7GVJ
01/31/2002... $19.5 for Dues, RD from EARL GARBER, N3EG
01/31/2002... $12 for Dues from NANCY MC KIBBIN, KB7BJE
01/31/2002... $12 for Dues from MARK MC KIBBIN, WR7V
01/31/2002... $12 for Dues from PORT LUDLOW ARC, N7PL
01/31/2002... $12 for Dues from IRENEO AMABLE, KC7LFW
01/30/2002... Emails from/to STEVE SZOMBATHY, W7UDI
01/31/2002... Email from FRANK VOLZ, KA7DNK
02/01/2002... TD, from JOHN SCHURMAN, AA7UJ
02/01/2002... Email from BILL ROURKE, W7ERH
02/02/2002... Emails to BILL ROURKE, W7ERH
02/02/2002... Email from BOB LEWIS, W7AN
02/04/2002... Email to FRANK VOLZ, KA7DNK
02/05/2002... Email to STEVE SZOMBATHY, W7UDI
02/06/2002... $12 for Dues from WESTERN WASH DX CLUB, W7DX
02/06/2002... $12 for Dues from DON MARTIN, N7LXC
02/06/2002... TD, $25 for CF from WILLIAM HENRY, KJ7FD
02/06/2002... Email from MONTE MUELLER, W7GVJ
02/07/2002... Email to MONTE MUELLER, W7GVJ
02/07/2002... $12 for Dues from STEVE SZOMBATHY, W7UDI
02/07/2002... $12 for Dues from WILLIAM HUNHOLZ, N7HNM
02/07/2002... $12 for Dues from RALPH LUCIER, KA7VEE
02/07/2002... $12 for Dues from BRYON GUNNERSON, WB0CZA
02/07/2002... $12 for Dues from ROB LEE, K7TGU
02/07/2002... $12 for Dues from HERMAN ENTZ, K7PAG
02/07/2002... $12 for Dues from LEONARD WESTBO JR., W7MCU
02/07/2002... $12 for Dues from CLAY FREINWALD, K7CR
02/08/2002... Email from ALLEN HART, N7FYU
02/08/2002... Email from JOHN SCHURMAN, AA7UJ
02/10/2002... Email from BOB LEWIS, W7AN
02/12/2002... $12 for Dues from BUCK STRICKLAND, W7FCH
02/12/2002... $24 for Dues from MARTHA SALOT, N7ZCZ
02/15/2002... Email to GARY KOHTALA, W7NTF
02/15/2002... Email to ERNIE BEETZ, K7BTZ
02/15/2002... Email to JAY MORRISON, WB7VYA
02/16/2002... Emails to/from JOHN STEIN, AB7F
02/16/2002... Emails from/to JAY MORRISON, WB7VYA
02/16/2002... Email to NORMAN RAY, W7LFA
02/16/2002... Email to RICHARD SCOBLE, K7NK
02/16/2002... Email from/to ERNIE BEETZ, K7BTZ
02/16/2002... Email from DICK ISELY, W9GIG
02/16/2002... Email to DOUG RIDER, KC7JC
02/16/2002... Email to EARL GARBER, N3EG
02/17/2002... Email to TONY ANNESE, KG4EXA
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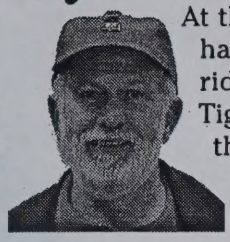
02/18/2002... TD, $15 for CF from JON MARCINKO, WR7JM
02/18/2002... Email from RICHARD SCOBLE, K7NK
02/18/2002... Email to/from ALLEN HART, N7FYU
02/19/2002... Email from JAY MORRISON, WB7VYA
02/20/2002... Email to JAY MORRISON, WB7VYA
02/20/2002... Email from BILL ROURKE, W7ERH
02/22/2002... $12 for Dues from MT BAKER ARC, W7SKW
02/22/2002... $24 for Dues from STEVEN ZIELKE, N7JLF
02/22/2002... $12 for Dues from RICK HODGES, KB7TBF
02/22/2002... Email to ALAN MUIR, VE7BEU
02/23/2002... Email from PETE POLICANI, K7PP
02/24/2002... Email to ALAN MUIR, VE7BEU
02/24/2002... Email to/from GLENN ENGEL, NN7N
02/24/2002... Email to STEVE SZOMBATHY, W7UDI
02/25/2002... Email from/to BRIAN HORST, K5IN
02/27/2002... Email to BRYON GUNNERSON, WB0CZA
02/27/2002... Email to/from BILL HUNHOLZ, W7HNM
02/28/2002... Email from/to BRYON GUNNERSON, WB0CZA

CF = Coordination Fee..... TD = Technical Data Sheet ..... RF = Renewal Fee .... RD = Repeater Directory

Clay's Corner



At this writing it's still winter and boy this has been a good one! Many of our mountain top sites have been accessible only to those that are willing to snowshoe in or lucky enough to hitch a ride on a snow cat. For me, I discovered the joy of snowshoes taking a couple of hikes up West Tiger Mountain. Thankfully there was a nice warm building at the other end. I sincerely hope that your system has stayed up all winter.

A big thanks to Marty Hadfield for again demonstrating the power of software at the recent Mike and Key ARC Flea Market in Puyallup. Marty along with others from the WWARA Board continued to give the WWARA a good name and demonstrate how coordination has kept up with the times. The success of this venture has encouraged many of us to get the WWARA "out and about."

On the national scene there has been a great deal going on; here are some of the highlights –

- The Nation's coordinators have been working hard with the ARRL as never before to get the data into the League for the next edition of the Repeater Directory. Leading the effort this year is Brennan Price, N4QX, who has been far more active with the repeater/coordination community than others in the past.
- The NFCC Board (NFCB) has been assisting various coordination groups around the country to resolve issues. One of the most interesting is a situation in Northern California where a repeater owner does not wish to operate an automatic identifier and, as a result, the coordinator does not wish to coordinate a system that cannot be identified on the air. Thus far the FCC is on the side of the repeater owner, but the FCC cannot force the coordinator to coordinate.
- Yours truly recently visited with the President of the ORRC. That organization has been fraught with internal strife. The ORRC is negotiating with a group from Northeastern Oregon. The talks may result in a portion of the Eastern part of that state separating from the ORRC and becoming a separate organization. Their name is BMUG or Blue Mountain Users Group.
- The area around Metropolitan New York is struggling to re-form their coordination entity after the former group threw in the towel some time ago. Some of the old group felt that with the bands all full there was nothing left to do.
- Rumors are that the coordination group in lower Michigan may be defunct. The NFCB is trying to determine what's going on there.

As has been the case in years past, the WWARA meeting this April is in direct conflict with the meeting of the National Association of Broadcasters in Las Vegas. With my activities in EAS (Emergency Alert System) as well as SBE (Society of Broadcast Engineers) I cannot miss the Las Vegas meeting. With that I will leave the WWARA in your capable hands and catch you at the next meeting.

73, Clay/K7CR

Photograph by Roger Hansen-W6TOZ

Mark McClain-N6OBY and Marty Hadfield-WB7AFY man the WWARA booth at Mike and Key ARC Flea Market March 9 in Puyallup.

Coordination Expirations—within Grace Period

This list represents repeaters or links that have expired in the last six months and within the Grace Period as provided for in the WWARA Coordination Policies. Expired coordinations that are within the Grace Period can be renewed by submitting a completed Technical Data Sheet, along with the $10 Renewal Fee. (Copies of the Technical Data Sheet can be downloaded from the WWARA webpage [www.wwara.org] or requested from the WWARA Secretary via email or USPS.)

Once beyond the six-month Grace Period, the coordination is cancelled and a new application is required to begin the re-coordination process, along with the $15 New Application Fee.

Please note: If there has been a *Significant Change* as defined in the WWARA Coordination Policies, the repeater or link is required to be re-coordinated. (See *Definition of Significant Change* following Upcoming Expirations.)

TRUSTEE NAME	CALLSIGN	FREQUENCY	LOCATION	EXPIRATION
ROBERT CALKINS	WA7NUU	443.73	MT LAKE TERRACE	12/6/2001
LESTER CRAWFORD	AB7Y	145.43	SILVERDALE	10/6/2001
CLAY FREINWALD	K7CR	53.15	TIGER MT WEST	10/27/2001
CHARLES GRAFF	K7CHV	441.78	ISSAQUAH	11/1/2001
VICTOR HENRY	N7KRE	441.95	JIM CREEK	11/4/2001
JOHN HURSEY	KB7TGJ	53.47	CAPITOL PEAK	2/26/2002
ROBERT JOHNSON	WA7ZWG	444.05	MT CONSTITUTION	1/28/2002
ROBERT JOHNSON	WA7ZWG	146.7	MT CONSTITUTION	1/28/2002
MATT KULA	KC7LOC	53.35	INDEX	9/12/2001
TOM SAUNDERS	N7OEP	440.08	GREEN MOUNTAIN	9/23/2001
DAVID TYLER	W7FEL	146.76	STRIPED PEAK	1/6/2002
ROBERT WINTERS	N7XR	444.60	MARYSVILLE	11/13/2001

Upcoming Coordination Expirations

This list represents repeaters or links that will expire in the next six months. Renewals are accomplished by submitting a completed Technical Data Sheet, along with the $10 Renewal Fee. (Copies of the Technical Data Sheet can be downloaded from the WWARA webpage [www.wwara.org] or requested from the WWARA Secretary via email or USPS.)

Please note: If there has been a *Significant Change* as defined in the WWARA Coordination Policies, the repeater or link is required to be re-coordinated. (See *Definition of Significant Change* at the end of this section.)

TRUSTEE NAME	CALLSIGN	FREQUENCY	LOCATION	EXPIRATION
HADLEY ALLHANDS	K7MLR	444.200	FT LAWTON	05/11/2002
SPENCER BAHNER	N7UMO	443.125	RATTLESNAKE MT	07/30/2002
KURT BERTILSON	KA7BZA	443.350	EVERETT	07/08/2002
BILL BOYLE	KB7CNN	145.450	ALDER	03/26/2002
BILL BOYLE	KB7CNN	440.925	TACOMA	03/26/2002
BILL BOYLE	KB7CNN	1292.200	TIGER MT EAST	03/26/2002
BILL BOYLE	KB7CNN	1292.400	TACOMA	03/26/2002
MIKE CRAWFORD	W7DK	147.280	RADIO CLUB HSE	08/16/2002
MIKE CRAWFORD	W7DK	446.525	TACOMA	08/16/2002
SCOTT CRONK	N7FSP	439.975	BALDI MOUNTAIN	04/04/2002
SUE ENTZ	K7TGJ	440.225	OLALLA	06/02/2002
ROBERT HESELBERG	K7MXE	443.975	PACK FOREST	04/03/2002
MICHAEL HILL	N7NFY	224.240	HAYSTACK RIDGE	08/14/2002
CRAIG HOUGHTALING	N7UTB	145.150	PORT TOWNSEND	08/08/2002

Next Meeting Saturday, April 6 10 a.m.

Bainbridge Island Fire Station Highway 305 and Madison Avenue

From the Bainbridge Island ferry terminal, head north through the first two stoplights to Madison Avenue, about 2 miles up the road. This will be marked by a flashing yellow light. Turn left. The station will be visible immediately to the right. The visitor's parking area will be the first right turn after the driveway to the equipment bay. The meeting room will be to the left as you enter the building.

From the north, you will be looking for the flashing yellow after passing through two stoplights, approximately 3 miles after crossing the Agate Pass bridge. Turn right and look for the station immediately to the right.

***Chairman**, from page 1*

the overall charter and goals of the association. One can fill these roles without committing to an overly burdensome task and enjoy the satisfaction that participation brings.

If you, or someone you know, would be interested in these assignments please contact me or any officer of the WWARA.

John Schurman,
AA7UJ
Chairman WWARA

NOTICE**: This questionnaire was initially distributed at the December 1, 2001 General Meeting. The Bylaws & Policies Review Committee is very interested in everyone's input. So please take the time to review the following information and provide your comments via hardcopy or electronically on or before the next General Meeting- on April 6, 2002. This document may be downloaded from the WWARA web page and returned via email, or sent to our PO Box. The addresses are listed in the paragraph below.* ***Thank you for your participation.

Western Washington Amateur Radio Association
By-laws and Policy Questions
December 1, 2001

The membership is being asked questions that will help guide some revisions to the WWARA By-laws and Coordination Policies documents. Please take time to give your input to these questions and give additional comments where you feel necessary. Return your responses to the WWARA.

WWARA
16541 Redmond Way
Redmond, WA 98052

- Or via email to -
wwaramail@yahoogroups.com
(download the Word Document from www.wwara.org)

Call Sign _____ WWARA Member: Yes_____, No_____
Contact number, E-Mail address, or Mailing address:_____

1. The board members currently conduct the business of the WWARA and have been doing a good job with the "virtual board meeting" through their open voting process. The band chairperson(s) have been doing a good job also in their ability to coordinate applications according to the By-laws and Policies. In an effort to shorten the length of time for coordination would you be comfortable if the Board acts upon coordination applications without the need of a "General Membership" vote provided that the do so in accordance with the By-laws and Policies?
   Yes_____ No_____ Comments: _____

2. The By-laws and the Coordination Policies are always open to interpretation. There is no language within the documents that actually states what is to be done if there is a clarification that is needed when applying any of the rules or guidelines. In an effort to clarify or to properly apply the By-laws or Policies would you be in favor of allowing the Board members to determine this as long as they aren't changing the general intent of the documents?
   Yes_____ No_____ Comments: _____

3. The WWARA and the British Columbia Amateur Radio Coordination Council BCARCC both tout the need and requirement for the use of "tone coded squelch" or other means of protecting the inputs of repeaters. This is done in a combined effort to better utilize the spectrum, which overlaps into each others areas and eventually coordinating more repeaters with less interference. Are you in favor of enforcing these policies for both current and future repeaters?
   Yes_____ No_____ Comments: _____

4. WWARA notification to a "Certification of Coordination" ("COC") holder has been a hotly contested issue this year. There are existing Policies that clearly indicate that the ("COC") is required to know when the certification expires and apply for extensions without the notification of the WWARA. Do you feel that it's the ("COC") holders responsibility to renew the coordination without any additional notification from the WWARA?
   Yes_____ No_____ Comments: _____

5. Upon any renewal of an existing operation, the Policies aren't clear if the operation is required to change in accordance with the Policies. Additionally, there is no clear language that indicates if the station is to be operated according to any Policy change that might be made during the term of the ("COC"). In an effort to better coordinate frequencies do you believe it would be in the best interest of all the operators to change any operation within a reasonable time frame should the By-laws or the Policies change including and specifically at time of a renewal?
   Yes_____ No_____ Comments: _____

6. There are no known operations in the geographical area served by the WWARA, Canada, Oregon or Eastern Washington, where the licensed operators haven't been coordinated at one time or another. There is "old" language in the Policies that essentially allow for a defacto coordination if there is use on a frequency by an uncoordinated operation. Would you be opposed to cleaning up this language so that only coordinated stations have "standing"?
   Yes_____ No_____ Comments: _____

7. If you have ever attempted a coordination of a new station, you might be frustrated by the duration it takes to know if your application is being acted upon. Realize that the organization if operated by volunteers. There is no avenue or language that forces the WWARA to act affirmatively or aversively to your application. Do you feel that there should be language that forces the WWARA to act on applications, which have been received for more than six months at a general membership meeting or a special meeting?
   Yes_____ No_____ Comments: _____

8. The WWARA has been collecting fees for some time. The general fund is in excess of $8,000. The Policies call for the applicant to submit, if required, prediction plots from computer models. With the grace and time of a member or two, these plots have been ran to aid in determining coordination. With all the coordination's that are maintained, do you think it would be better serving for the to purchases a prediction tool for the use of the Band coordinators, in addition to changing the language?
   Yes_____ No_____ Comments: _____

9. Currently there is no coordination protection for remote receivers and some types of linking systems. The technical data sheets and the policies can be changed to accept applications which would coordinate these uses. Are you in favor of adopting changes to these uses?
   Yes_____ No_____ Comments: _____

10. There is no limit to the amount of frequencies an individual or group can have for coordination. There are several situations where frequencies are being "hogged" by the few. This includes the use of channeled and coordinated pairs that are being used essentially for linking. Are you in favor of some language that would allow the Board or the membership better utilize these channels for others use? This may include the denial of coordinated pair frequencies to be used as links and the denial of multiple frequency systems that don't have a clear need to occupy numerous channels.
   Yes_____ No_____ Comments: _____

11. The WWARA is the guiding body that assists in coordinating repeaters with the adjoining coordination bodies as well as its own membership. In efforts to better coordinate applications would you feel it to be within the best interest of the membership to allow the WWARA to re-assign existing coordination's to other frequencies, in the same band, in order to better utilize the spectrum? This is becoming a more common practice with coordination bodies across the country- given reasonable assurance that the move doesn't materially affect the current operations.
   Yes_____ No_____ Comments: _____

12. The current policy has the renewal period to be a bit vague. Basically the language needs to be changed so that the renewal application needs to be received prior the expiration of the ("COC") and not after. Additionally, the language should allow the ("COC") holder the right to operate in a coordinated mode for up to six months while the WWARA processes and acts upon the renewal, whichever comes first. Are you fine if this language gets cleaned up in this manor?
   Yes_____ No_____ Comments: _____

13. Transfers of coordination is generally not an issue from the language in the Policies. The mechanics of how this is done is fairly straightforward. However, the principal is somewhat questionable. In California and some other coordination bodies when a coordination is to be transferred it actually goes back to a "pool" for the next applicant-in-line to have a chance at operating a repeater. Would you be in favor of opening the spectrum opportunities up to others that might not be fortunate enough to acquire a repeater system from a current user?
   Yes_____ No_____ Comments: _____

14. Upon any transfer of coordination there is no material requirement for the station to actually fulfill the intent or the requirements of the Policies or By-laws. The language could be corrected so that the transfer would be treated the same as a new application with the understanding that the application would not be subject to a mutually exclusive application by another applicant. This would cause the ("COC") holder and the applicant to abide by the current By-laws and Policies going forward.
   Yes_____ No_____ Comments: _____

15. There are many "paper repeaters". These are coordinated operations which are not actually "on-the-air". The rules are again somewhat vague on this issue and could be read that a paper repeater could actually exist not only six months after coordination, not only twelve months, but indefinitely. Given that the coordination process takes a minimum of three months and as much as a year, which should give the applicant sufficient time to build the system. Do you agree that these paper repeaters should not be granted coordination extensions any greater than six months past the issuance of the ("COC")?
   Yes_____ No_____ Comments: _____

16. There are several "cross band linked" repeaters. The FCC rules and the Policies state that these operations should be used for short duration activities and never installed as long term communications facilities. The waste that occurs is that the spectrum is not being used efficiently. Should the WWARA enforce this Policy and discourage or revoke coordination's to better utilize the spectrum?
   Yes_____ No_____ Comments: _____

17. The pairing and splitting of channel spacing will create greater availability of spectrum for new applicants. This would also help existing repeaters to change power or antennas or even locations that would enhance their coverage. In many other areas of the country, there is a tighter channel spacing between the repeaters. In the Northwest, the number of repeaters are greatly limited because of Canada and Portland. Would you be in favor of changing the channel spacing in some areas to create new available channels?
   Yes_____ No_____ Comments: _____

18. There are many renewal applications made where the current station parameters don't match the actual ("COC"). The renewal application doesn't require a new "data sheet" and assumes that the station is being operated in accordance to what was stated five years ago. The renewal applications should include an updated "data sheet" that is correct for the current operation. Additionally, if the new "data sheet" indicates that the operation is substantially different from the ("COC"), as defined by the Policies, the renewal application should be treated as a new application. This is not intended to be punitive but it allows for the proper process to occur. Are you in favor of cleaning up this language?
   Yes_____ No_____ Comments: _____

Please add any other issues that you would like to have addressed.

Bryon Gunnerson, WB0CZA
Chairperson of the "rewrite committee"

Remember to Renew

Upcoming Expirations from page four

TRUSTEE NAME	CALLSIGN	FREQUENCY	LOCATION	EXPIRATION
GARY LEWIS	WA7BBJ	912.000	MONROE	08/26/2002
GARY LEWIS	WA7BBJ	1252.000	COUGAR MT	08/19/2002
JOHN MACKEY	KS0F	443.575	FEDERAL WAY	07/09/2002
DICK MORRISON	K7KFM	146.900	FRIDAY HARBOR	07/19/2002
JAY MORRISON	WB7VYA	146.920	MT PILCHUCK	06/06/2002
DICK MORRISON	K7KFM	443.450	FRIDAY HARBOR	05/19/2002
THOMAS MURPHY	N7QHX	145.210 CH 28	TACOMA	05/05/2002
CHARLES NORTHCUTT	W7SRZ	53.550	BOTHELL	03/21/2002
CHARLES NORTHCUTT	W7SRZ	444.82	5 FINN HILL	03/21/2002
BRIAN RADABAUGH	KG7PD	53.270	LYNNWOOD	05/21/2002
KEN RAU	K7YR	445.550	RATTLESNAKE MT	04/06/2002
KEN RAU	K7YR	445.575	SOMERSET	04/06/2002
JOHN SCHURMAN	AA7UJ	53.170	KIRKLAND	08/30/2002
JOHN SCHURMAN	AA7UJ	223.860	KIRKLAND	08/30/2002
JOHN SCHURMAN	AA7UJ	441.075	KIRKLAND	03/31/2002
RICHARD SCOBLE	K7NK	146.860	OAK HARBOR	05/27/2002
BOB ST ANDRE	WA7NAN	145.250	MT ERIE	06/07/2002
BOB ST ANDRE	WA7NAN	145.250	SHORELINE	06/07/2002
BOB ST ANDRE	WA7NAN	145.250	TACOMA	06/07/2002
BOB ST ANDRE	WA7NAN	147.300	BELLEVUE	06/07/2002
BOB ST ANDRE	WA7NAN	440.275	SHORELINE	06/07/2002
BOB ST ANDRE	WA7NAN	442.275	MT ERIE	06/07/2002
BOB ST ANDRE	WA7NAN	442.300	TIGER MOUNTAIN	06/07/2002
BOB ST ANDRE	WA7NAN	444.425	TACOMA	06/07/2002
TOMMY SULKOSKY	KB7WYL	443.275	SUMNER	07/05/2002
FRED TELEWSKI	WA7TZY	442.775	WOODINVILLE	08/02/2002
RONALD VERSCHUYL	K7AAE	224.000	WOODINVILLE	08/07/2002
STEPHEN WARD	WC7I	146.800	LACEY	06/14/2002
STEPHEN WARD	WC7I	442.475	LACEY	06/14/2002
BRIAN ZIEMANN	N7ZKW	224.660	RAINER HILL	04/19/2002

Definition of *Significant Change* (taken from the WWARA Coordination Policies).

Section 2: ACCESS, HEIGHT, POWER, FREQUENCY OR LOCATION CHANGES

Coordination is based on information provided by the applicant and contained on the WWARA Technical Data Sheet. If a coordination holder significantly changes the location, access, antenna height or pattern, effective radiated power, frequency, or other operating parameters of his system, the repeater will be required to be re-coordinated. The WWARA secretary shall be notified in writing on the appropriate form. Re-coordination is required to verify that interference to or from other repeaters does not occur. Re-coordination is not to allow another repeater or proposed repeater to be assigned to the frequency.

Note: Significant change shall be a power change of 1 db, an antenna height change of more that 25 feet or a horizontal move of more than 1,500 feet. For the 1 db power change the WWARA uses a factor of .75 or 1.25 of the original power. For example a 100-watt ERP station multiplied by .75 would be 75 watts, or multiplied by 1.25 would be 125 watts.

Minutes

February 7, 2001, General Membership Meeting

The February 7, General Membership meeting was held at Kent Fire Station #73. Chairman John Schurman-AA7UJ called the meeting to order at 7:02 p.m.

Introductions were made and a sign-in sheet was circulated. In attendance were: John Schurman-AA7UJ, Len Westbo-W7MCU, Clay Freinwald-K7CR, Bryon Gunnerson-WB0CZA, Steve Szombathy-W7UDI, Gard Forester-KG6GAQ, Jon Marcinko-WR7JM, Pete Policani-K7PP, Bill Balzarini-KL7BB, David Swartz-KC7RRH, Al Burleson-K7HW, Herman Entz-K7PAG, Bob Lewis-W7AN, Ralph Lucier-KA7VEE, Bill Hunholz-N7HNM, Carl Holman-K7CH, Ed Bruette-N7NVP, Jim Etzwiler-KD7BAT, Roger Hansen-W6TOZ, Mark McClain-N6OBY, and Peter Dahl-WA7FUS.

The minutes of the December 1, 2001, General Meeting were approved.

Current financial statements for year-end 2001, and month-end January 31, 2002 were distributed for review. A motion passed to approve the financial reports.

ADJACENT AREAS

—IACC: Nothing reported.

—B.C.: Ralph Lucier-KA7VEE reported that he is having difficulty getting responses to emails regarding coordination activity.

—ORRC: John Schurman-AA7UJ reported that he received a note from the ORRC regarding an un-coordinated repeater operated by Larry McKee-AA7SQ in the Kelso area. The repeater on 147.225 was causing interference to the Mount Hebo 147.220 repeater near Tillamook, Ore. It was reported that Fred Allman-W7HSJ and Rob Simonson-WA7ROB assisted in working with Larry to re-tune the system on the 145.130 SNP pair. John said he sent his thanks to ORRC Chair Steve Humphrey-KA7A and all those involved in the effort. Ralph Lucier-KA7VEE said he is receiving good assistance working with the ORRC on several UHF applications.

COMMITTEE REPORTS

—Technical: John Schurman-AA7UJ reported that the interference from the 145.330 repeater on Tiger Mountain had returned, but that the BEARS shut the repeater off immediately after being notified. Herman Entz-K7PAG owner/trustee for the 145.35 repeater in Olalla, expressed his appreciation to Marty Hadfield-WB7AFV and Pete Policani-K7PP for their assistance when the interference first appeared.

—6/10 Meters: There were no Board actions.
Other/Pending: A status report of pending 6-meter activity was provided by Ed Bruette-N7NVP. Regarding the construction of 53.63, Pete Policani-K7PP said he re-tuned the duplexer for Gary Kohtala-W7NTF. Jon Marcinko-WR7JM reported that the Capitol Peak repeater has a broken antenna. He also said there is a linking problem with 53.15 and it is off the air until the Tiger site is accessible.

—2 Meters Board actions: Previous to the meeting, the Board approved the coordination of: 147.160-Mercer Island to W7IAG. The membership had no questions and supported the approval.
Other/Pending: Pete Policani-K7PP said there are three repeaters that are supposed to be PL'd. He is going to send letters giving them 30 days to comply with the parameters of their coordinations. Pete gave an update on the 145.170 interference issue. Carl Di Paolo-W7EXH is still being interfered with by the un-coordinated KO Peak repeater on 145.170, operated by David Mesenbrink-KC7AU. Pete drove to Oregon and traveled up and down the I-5 corridor taking measurements, which he videotaped. Pete said he later contacted the KO group and advised them to eliminate the harmful interference to Carl's repeater in Oregon, otherwise Carl may seek assistance from the FCC. Pete again requested the KO group to apply for coordination.

—220 Board actions: Previous to the meeting, the Board approved the coordination of: 224.420-Squak Mountain to KG7IK, 224.200-Buck Mountain to WN7Q, and 224.800-Bainbridge Island to KD7HPE. The membership had no questions and supported the approvals.

—440 Board actions: Previous to the meeting, the Board approved the coordination of: 441.275-Bremerton to N7XOJ, 444.500-Mount Vernon to WA7ZUS, 444.325-Olympia to WA7USJ, 441.375-Tacoma to W7NTF, and 446.525-Lyman to N7HNM. The membership had no questions and supported the approvals.
Other/Pending: Ralph Lucier-KA7VEE read an update of open UHF repeater items. Jon Marcinko-WR7JM provided a status of the open UHF link applications.

There was a discussion started by Carl Holman-K7CH, regarding the publishing of link frequencies in the repeater directory. It was clarified that links do not get included in the ARRL directory, but have historically been included in the WWARA's NW Repeater Directory. This has proved beneficial to those looking for a frequency to use. Carl mentioned that he would like the option to have links or control repeaters suppressed in our directory.

Minutes, from page 6

Bryon Gunnerson-WB0CZA indicated that two of his UHF applications and one 900 application have been in a testing phase for over three months, but do not appear on the Band Chair's report as "testing." Ralph Lucier-KA7VEE confirmed Bryon's comments and motioned for TR#'s 5288, 5019, and 6008 be approved for coordination. The membership approved the following; 441.125-Tacoma to WB0CZA, 441.125-Tiger Mountain to WB0CZA, and 927.400-Tiger Mountain to WB0CZA.

—900/1.2-Board actions: There were no Board actions. (Other than the previously listed approval for 927.400.) Other/Pending: Nothing reported.

—NFCC Business: Clay Freinwald-K7CR said the NFCB (NFCC's Board) is discussing the issue of band plans. In addition, he was asked by the NFCB to meet with the new ORRC Chair, Steve Humphrey-KA7A. Steve invited Clay to attend their next meeting. Clay said he plans to attend and will be representing the NFCC.

OLD BUSINESS

—Modification of Technical Data Sheet: No new progress reported.

—Review of UHF Links and Band Plan: Jon said he is continuing to review this and getting input from several people.

—Bylaw and Coordination Policy Review: Bryon Gunnerson-WB0CZA reported that he has had no feedback to the questionnaire he passed out at the previous meeting. The document is to be posted on the YahooGroup remailer and posted on the web page to gain additional exposure.

NEW BUSINESS

—Repeater Directory Committee: There was a discussion regarding the WWARA's 2002-2003 NW Repeater Directory. We need a committee chair to take charge of the process, arrange for layout, data, advertising, and printing. There were no volunteers. Al Burleson-K7HW asked if the Radio Club of Tacoma could use some of the "radio use descriptions" that are in our directory, and include them in the Club's handout. It was agreed that the club could use the information.

—Suggestions for future meetings: Possibilities were discussed for upcoming meetings. Bob Lewis-W7AN offered to check with the Bainbridge Island FD for our April meeting. Carl Holman-K7CH said he would arrange for a meeting location in the Olympia/Lacey area for the June meeting.

The next meeting will be held on Saturday, April 6, 2002, at 10 a.m. The location and directions will be published on the WWARA web page prior to the meeting.

A motion passed to adjourn the meeting at 8:55 p.m.

Minutes by Mark McClain-N6OBY, Secretary
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Western Washington Amateur Relay Association
16541 Redmond Way—PMB 243, Redmond WA 98052-4482

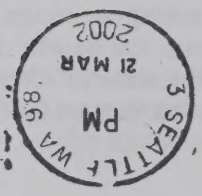
Check enclosed for:

___ Year Membership Dues @ $12/year $ _____
___ Coordination Fee @ $15 ea for 5 years _____
___ Coordination Renewal Fee @ $10 ea for 5 years _____
___ Repeater Directory @ $6 ea (member); $8.95 ea (non member) _____
* include $1.50 shipping/handling for each directory _____
Check # _____ **Total enclosed** **$** _____

Name: _____ Call: _____
Address: _____ Frequency: _____
City: _____ Home Phone: _____
State: _____ Zip: _____ Work Phone: _____
Email: _____

Admin CL _____ DB _____ QB _____ RD _____ TN _____

Meeting: Saturday, April 6, 2002 —10 a.m.— Bainbridge Island Fire Station



WWARA
16541 Redmond Way
PMB-243
Redmond,WA 98052

Western Washington Amateur Relay Association

Providing repeater frequency coordination for over a quarter of a century!

2002 Board of Directors

Position	*Name*	*Callsign*	*Contact Info*
Chairman	John Schurman	AA7UJ	425-822-9197
Vice-Chairman	Ed Bruette	N7NVP	360-698-0917
Secretary	Mark McClain	N6OBY	425-881-9389
Treasurer	Roger Hansen	W6TOZ	
Representative #1	Clay Freinwald	K7CR	253-939-1414
Representative #2	Al Burleson	K7HW	253-474-9023
Representative #3	Pete Policani	K7PP	k7pp@techline.com
Representative #4	Ralph Lucier	KA7VEE	360-770-2975

Committees

Committee	*Name*	*Callsign*	*Contact Info*
Technical	Marty Hadfield	WB7AFV	425-430-1581
Membership	Ed Bruette	N7NVP	360-698-0917
Coordinator Editor	Chris Roth	"CR Print"	jonm@worldnet.att.net
Database Manager	Mark McClain	N6OBY	425-881-9389
10 & 6-meters	Ed Bruette	N7NVP	360-698-0917
2-meters	Pete Policani	K7PP	k7pp@techline.com
220 Mhz	Peter Dahl	WA7FUS	425-778-3581
UHF Links	Jon Marcinko	WR7JM	253-566-9495
UHF Repeaters	Ralph Lucier	KA7VEE	360-770-2975
900 & 1200 Mhz	Gene Colson	W7UVH	360-495-4313

Next Meeting: Saturday, April 6—10 a.m.—Bainbridge Island Fire Station